

# SUPPLEMENT

## PHOTOGRAPHIC INTERPRETATION REPORT



### VITAL RECORDS COPY KH-4 MISSION 1040 30 MARCH - 8 APRIL 1967

### PART III

TCS-80224/67

APRIL 1967

COPY 196

49 PAGES

handle via **TALENT-KEYHOLE** control only

Declass Review by NIMA/DOD

GROUP 1 EXCLUDED FROM  
AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION

### WARNING

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## TARGET CATEGORIES

1. GUIDED MISSILES \*
  - A. ICBM Deployment
  - B. IRBM and MRBM (including search areas)
  - C. Research and Development (including space)
  - D. Production Facilities (including test)
  - E. Suspect Missile (Search area or undetermined activity)
  - F.
  - G. Naval Launched Missiles
  - H. Anti-Missile Missile
  - I. SAM Sites
  - J. Short Range Surface-to-surface Missiles
  - K. Missile support/storage areas
  - L. SAM Training Complexes
2. AIRCRAFT
  - A. Long Range Bases
  - B. Production Facilities (including R and D)
  - C. Airfields
3. NUCLEAR ENERGY
  - A. Test Area
  - B. Production
  - C. Stockpiles
  - D. Research Institutes
  - E. Suspect Activity
4. NAVAL ACTIVITY
  - A. Operating Bases
  - B. Production Yards
  - C. Commercial Ports
  - D. Locks and Canals
5. BIOLOGICAL/CHEMICAL WARFARE
  - A. BW/CW Test Areas (including test)
  - B. Production
  - C. Storage
  - D. Research Institutes
  - E. Suspect Activity
6. ELECTRONICS
  - A. Missile Tracking Facilities
  - B. Electronics (general)
7. MILITARY
  - A. Military Installations
  - B. Special Area
  - C.
  - D. Landing Beaches
8. URBAN/INDUSTRIAL
  - A. Complexes
  - B. Industrial Plants
  - C. Geodetic Control Points
9. OTHER
  - A. Unidentified Installations

\* Digits in these numbers indicate specific target complexes. A suffix identifies individual components within the complex.

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### PREFACE

THIS IS THE THIRD OF SEVERAL OAK SUPPLEMENT REPORTS ON MISSION 1040 AND PROVIDES INFORMATION ON THE COMMITTEE ON OVERHEAD RECONNAISSANCE (COMOR) TARGETS NOT INCLUDED IN THE OAK REPORTS FOR THIS MISSION. THIS REPORT ALSO CONTAINS PREVIOUSLY REPORTED NON-COMOR TARGETS REFLECTING SIGNIFICANT CHANGE, TARGETS WITH SIGNIFICANT ORDER OF BATTLE (OB) INFORMATION, AND TARGETS WHICH ARE EITHER NEWLY IDENTIFIED OR KNOWN BUT REPORTED FOR THE FIRST TIME BY NPIC. A LISTING OF COMOR TARGET CATEGORIES APPEARS ON THE INSIDE OF THE FRONT COVER.

TARGETS ARE ARRANGED BY SUBJECT AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. PREVIOUSLY REPORTED NON-COMOR TARGETS ARE LISTED UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. NEWLY REPORTED TARGETS ARE DESIGNATED AS BONUS TARGETS AND ARE LISTED AFTER THE NON-COMOR TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE AND THE COORDINATES. AN ALPHABETIC LISTING OF COUNTRY CODES IS INCLUDED ON THE INSIDE OF THE BACK COVER.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS, SUFFIXED WITH A FOR ASCENDING AND D FOR DESCENDING, ARE LISTED FIRST, FOLLOWED BY THE FRAME NUMBERS. SYMBOLS FOR LIMITING CONDITIONS AFFECTING PHOTOGRAPHY ARE C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), S (SNOW), O (OBLIQUITY), SD (SEMI-DARKNESS), D (DARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), AND GR (GROUND RESOLUTION). INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF PHOTOGRAPHIC COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS INDICATED BY ST (STEREO), PS (PARTIAL STEREO), OR NS (NON-STEREO).

RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF PHOTOGRAPHY IS ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERIS DATA. CONSEQUENTLY, FUTURE ANALYSIS MAY RESULT IN MINOR ALTERATIONS. MOREOVER, RECIPIENTS ARE CAUTIONED THAT THE IDENTIFICATION OF TARGETS IS BASED PRIMARILY ON PHOTOGRAPHY AND DOES NOT CONSTITUTE A FINISHED INTELLIGENCE JUDGMENT.

AN INDEX TO ALL TARGETS IN THE SUPPLEMENT WILL BE INCLUDED IN THE LAST EDITION. FOR TRACK MAPS, SEE TCS-80219-80221/67, THE OAK REPORTS FOR THIS MISSION. SEE TCS-80222 AND 80223/67 FOR THE FIRST TWO OAK SUPPLEMENT REPORTS.

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## **Highlights**

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#### HIGHLIGHTS

1. AN ESV TRACKING FACILITY, 0.5 NM NORTH OF KOLPASHEVO, USSR, CONTAINS AN APPROXIMATELY 50-FT DIAMETER ENVIRONMENTAL DOME MOUNTED ON A BUILDING, A CONTROL BUILDING WITH 4 PROBABLE TELEMETRY ANTENNAS MOUNTED ON TOP, 1 PROBABLE CALIBRATION TOWER, 2 DOUBLE DAY-NIGHT RHOMBICS, AND NUMEROUS MASTS.

A TRACKING FACILITY IS NEWLY IDENTIFIED 1 NM NORTH OF ABEZ, USSR. THE FACILITY CONSISTS OF AN APPROXIMATELY 80-FT DIAMETER ENVIRONMENTAL DOME SITUATED AT OR NEAR GROUND LEVEL.

A TALL KING FACILITY IS NEWLY IDENTIFIED 17 NM NE OF SMIDOVICH, USSR.

#### STATUS OF TARGET READOUT

THIS SUPPLEMENT REPORTS ON 56 COMOR TARGETS, 2 NON-COMOR TARGETS, AND 7 BONUS TARGETS.

## **Missiles**

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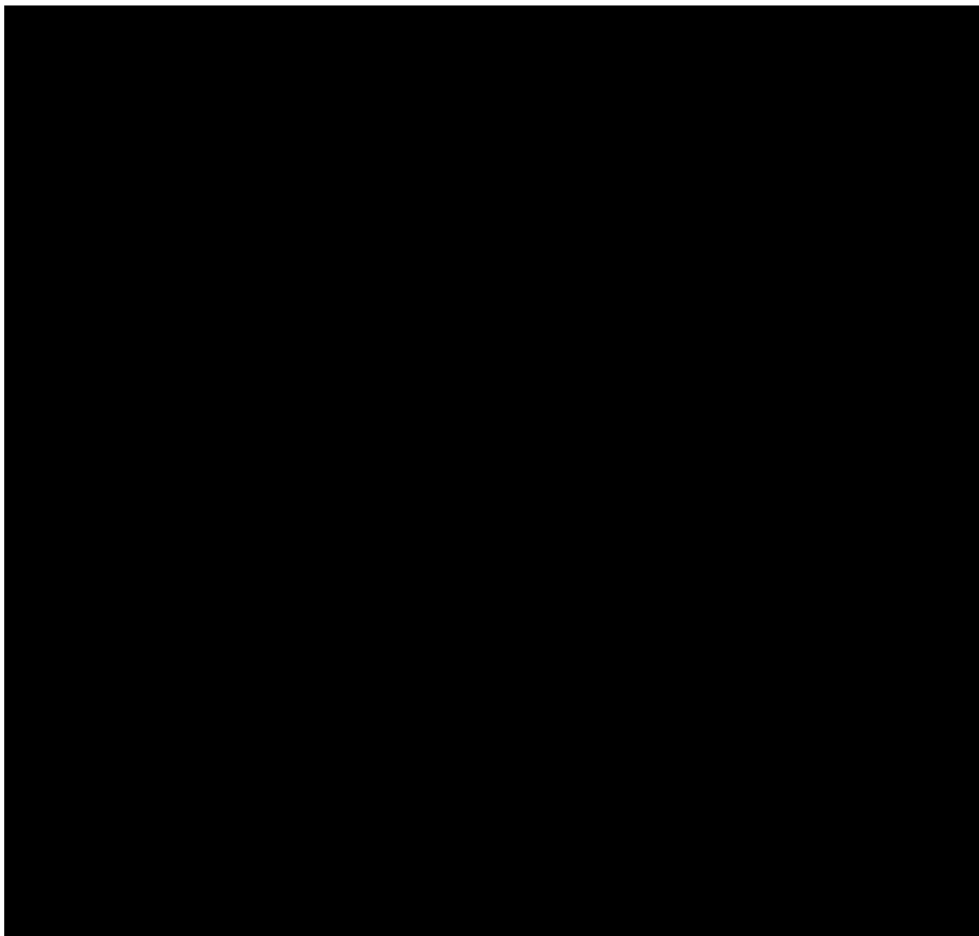
MISSILES

VERKHNYAYA SALDA ICBM COMPLEX

UR 5802N 06024E

ALL COMPONENTS OF THE COMPLEX ARE INTERPRETABLE. AT  
LAUNCH SITES 4 AND 9, VEHICLES/PIECES OF EQUIPMENT ARE  
OBSERVED. NO OTHER SIGNIFICANT ACTIVITY OBSERVED.

25X1D



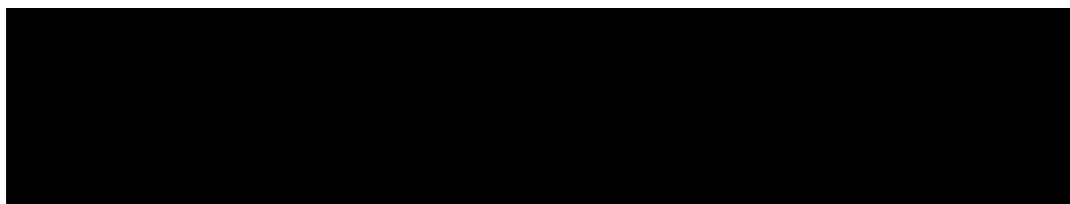
25X1A

YOSHKAR-OLA ICBM COMPLEX

UR 5633N 04801E

ALL 6 LAUNCH SITES, THE COMPLEX SUPPORT FACILITY, AND  
THE RAIL-TO-ROAD TRANSFER POINT ARE INTERPRETABLE. NO  
SIGNIFICANT ACTIVITY OBSERVED.

25X1D





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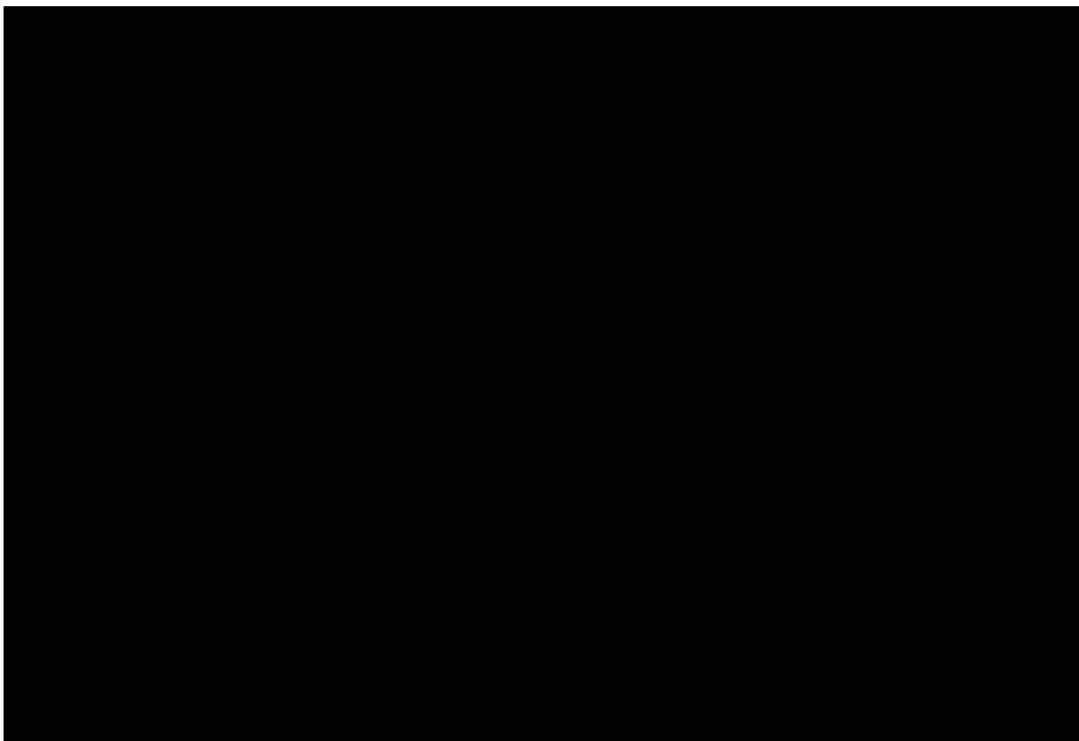
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25X1D



25X1A

SVOBODNYI ICBM COMPLEX

UR 5146N 12806E



25X1D

25X9

25X9

FIFTY TYPE IIID LAUNCH SITES (INCLUDING 1 POSSIBLE, 2 PROBABLE, AND 4 NEWLY IDENTIFIED WHICH ARE REPORTED IN PART II OF THE OAK [REDACTED] 7  
TYPE II SITES, 1 TYPE IIIA SITE, THE COMPLEX SUPPORT FACILITY, THE RAIL-TO-ROAD TRANSFER POINT [REDACTED]  
[REDACTED] ARE INTERPRETABLE.

CONSTRUCTION IS PROGRESSING IN THE RAIL TRANSFER POINT, THE PROPELLANT STORAGE FACILITY, AND THE MISSILE HANDLING AREA. A LONG UNIDENTIFIED VEHICLE IS OBSERVED ON THE RIGHT LAUNCH PAD AT SITE 1. INTERSITE CABLING IS BEING INSTALLED IN GROUP I. NO OTHER SIGNIFICANT ACTIVITY OBSERVED.

CONSTRUCTION STATUS AND DETAILED DATA FOR TYPE IIID LAUNCH SITES ARE AS FOLLOWS --

LAUNCH GROUP I -- ALL 10 SITES (10-12, 14-17, AND 21-23) ARE IN A LATE STAGE OF CONSTRUCTION.

LAUNCH GROUP J -- SITES 18, 31, 32, 38, AND 42 ARE IN A LATE STAGE OF CONSTRUCTION. SITES 19, 46, 47, AND 53 ARE IN THE MID-STAGE OF CONSTRUCTION. SITE 43 IS IN AN UNDETERMINED STAGE OF CONSTRUCTION.

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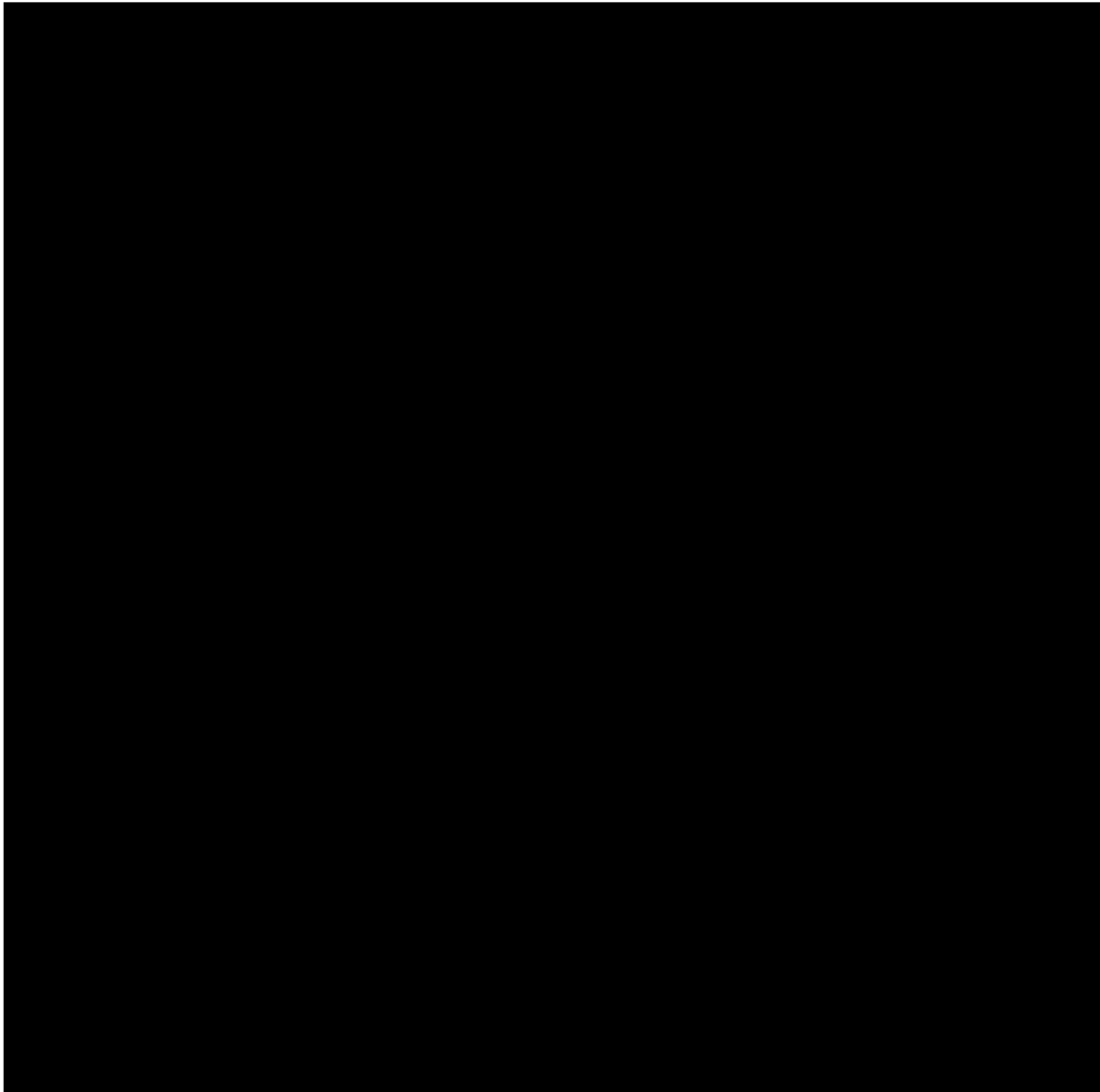
LAUNCH GROUP K -- ALL 10 SITES (9, 24-27, 29, 30, 34, 36, AND 37) ARE IN A LATE STAGE OF CONSTRUCTION.

LAUNCH GROUP L -- SITES 40, 49, 51, 52, AND 54-56 ARE IN THE MID-STAGE OF CONSTRUCTION. SITES 41, 45, AND 50 ARE IN AN UNDETERMINED STAGE OF CONSTRUCTION.

LAUNCH GROUP M -- SITES 63-66 ARE IN AN EARLY STAGE OF CONSTRUCTION. SITES 58 AND 59 ARE IN THE MID-STAGE OF CONSTRUCTION. POSSIBLE SITE 60 AND PROBABLE SITES 61 AND 62 ARE IN AN UNDETERMINED STAGE OF CONSTRUCTION.

TRANSFER POINT SITE 57X IS IN AN UNDETERMINED STAGE OF CONSTRUCTION.

25X1D



25X1D

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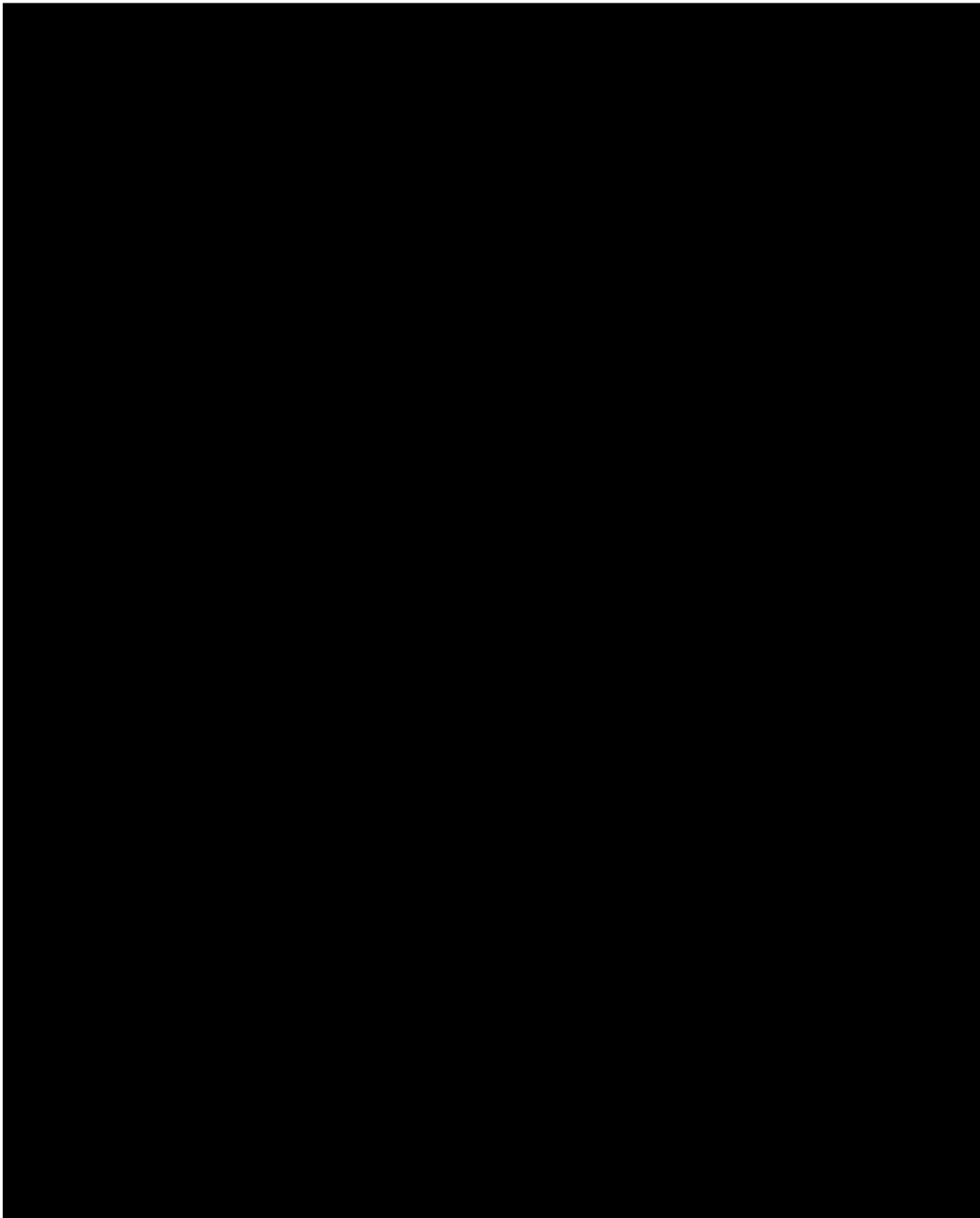
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25X1D



25X1A

DROVYANAYA ICBM COMPLEX

UR 5131N 11300E

TWELVE TYPE IIID LAUNCH SITES ARE INTERPRETABLE. NO  
SIGNIFICANT ACTIVITY IS OBSERVED.

CONSTRUCTION STATUS AND DETAILED DATA FOR INTERPRETABLE

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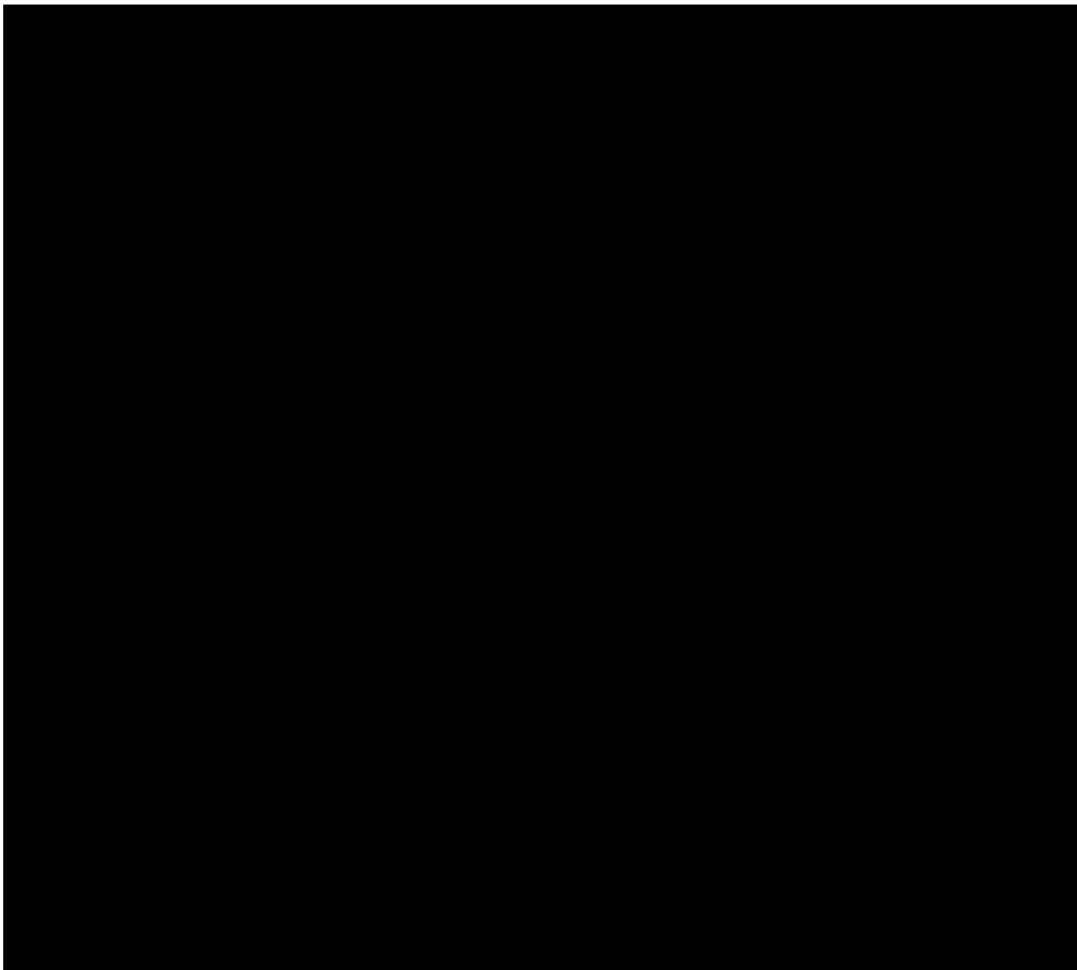
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TYPE IIID LAUNCH SITES ARE AS FOLLOWS --

LAUNCH GROUP I -- SITES 29-34, 36, 37, AND 40 ARE IN A LATE STAGE OF CONSTRUCTION.

LAUNCH GROUP J -- SITE 42 IS IN THE MID-STAGE OF CONSTRUCTION.

LAUNCH GROUP K -- SITE 56 IS IN AN UNDETERMINED STAGE OF CONSTRUCTION. SITE 58 IS IN AN EARLY STAGE OF CONSTRUCTION. ONLY NINE SITES ARE PRESENTLY ASSOCIATED WITH THIS GROUP.



25X1D

25X1A

ITATKA ICBM COMPLEX

UR 5650N 08535E



ALL 3 LAUNCH SITES, THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE INTERPRETABLE. NO SIGNIFICANT ACTIVITY OBSERVED.

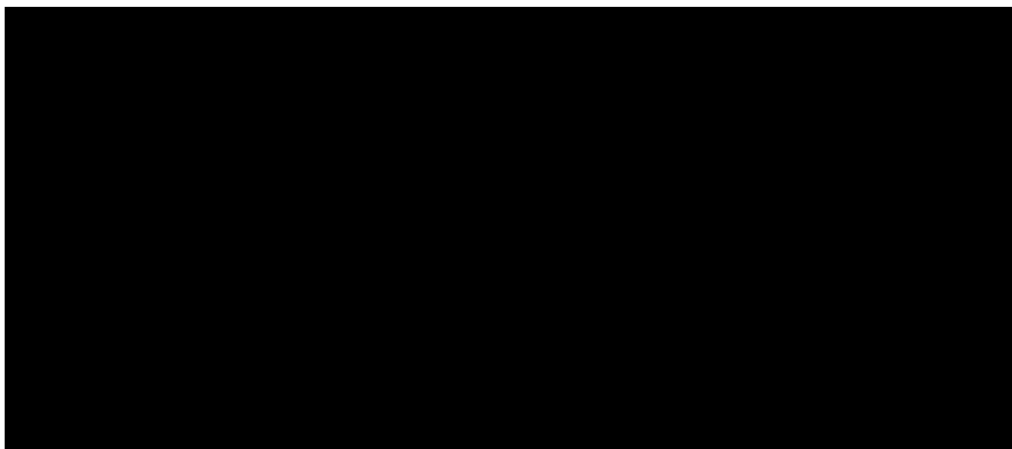
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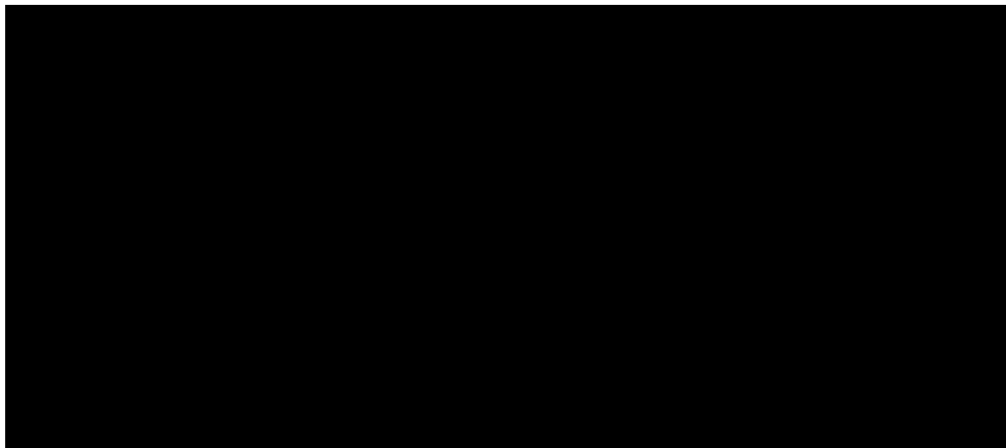
25X1A

SHADRINSK ICBM COMPLEX

UR 5607N 06339E

ALL COMPONENTS OF THE COMPLEX ARE INTERPRETABLE. NO  
SIGNIFICANT ACTIVITY IS OBSERVED.

25X1D



PERM ICBM COMPLEX

UR 5742N 05619E

FORTY-ONE TYPE IIID LAUNCH SITES, 5 TYPE II LAUNCH  
SITES, 1 TYPE IIIA LAUNCH SITE, THE COMPLEX SUPPORT  
FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE  
INTERPRETABLE. NO SIGNIFICANT ACTIVITY OBSERVED.

CONSTRUCTION STATUS AND DETAILED DATA FOR INTERPRETABLE  
TYPE IIID LAUNCH SITES IS AS FOLLOWS --

LAUNCH GROUP G -- ALL 10 SITES (7, 11-13, 15, 18-20,  
23, AND 35) ARE COMPLETE.

LAUNCH GROUP J -- ALL 10 SITES (45-49, 51, 52, 57, 58,  
AND 61) ARE COMPLETE.

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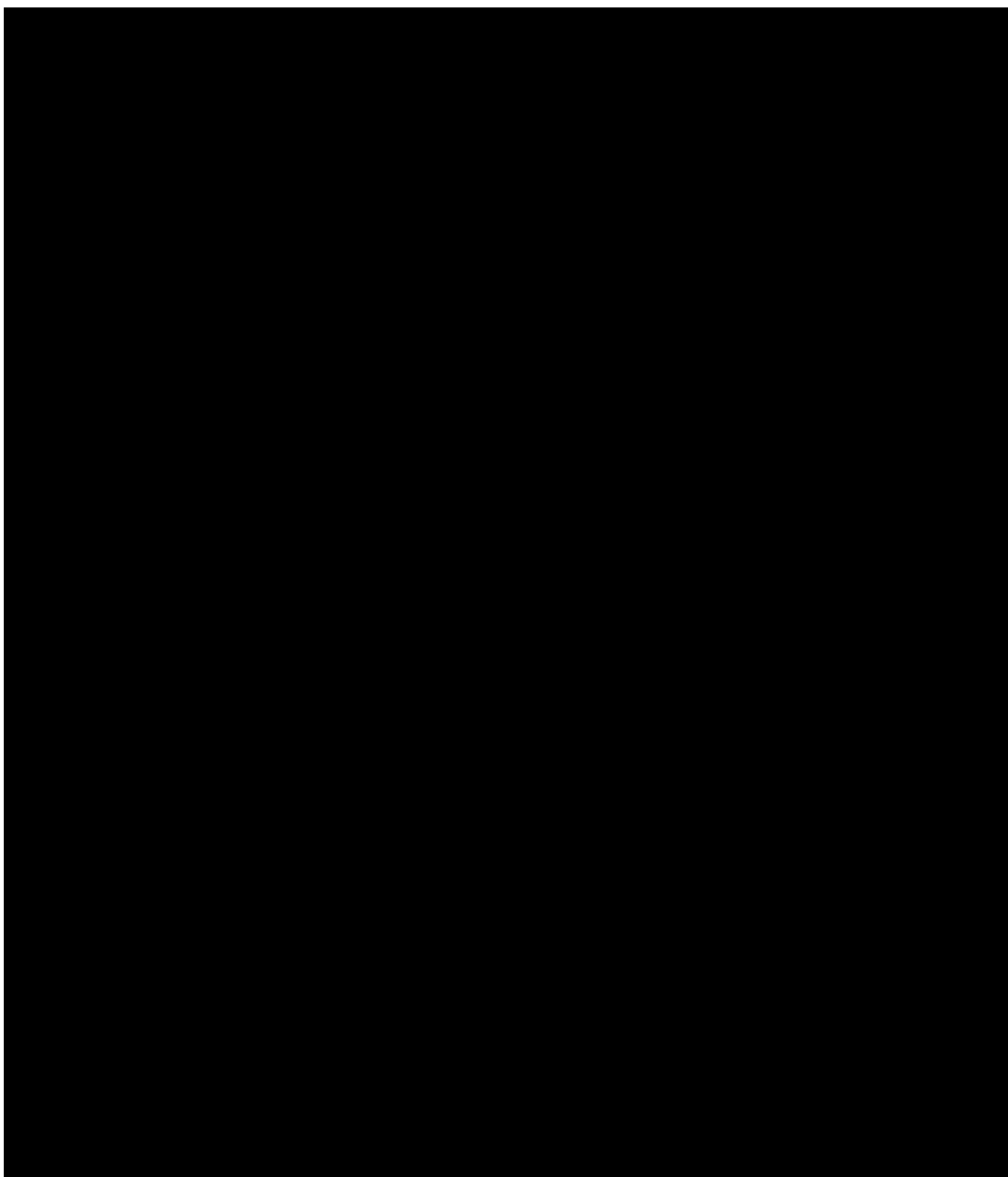
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LAUNCH GROUP H -- SITE 59 IS IN A LATE STAGE OF  
CONSTRUCTION. SITES 29-34, 36, 40, AND 42 ARE  
COMPLETE.

LAUNCH GROUP I -- SITE 39 IS IN A LATE STAGE OF  
CONSTRUCTION. SITES 8, 10, 16, 17, 22, 25, 38, 41, AND  
43 ARE COMPLETE.

TRANSFER POINT SITE -- SITE 60X IS IN A LATE STAGE OF  
CONSTRUCTION.

25X1D



25X1D

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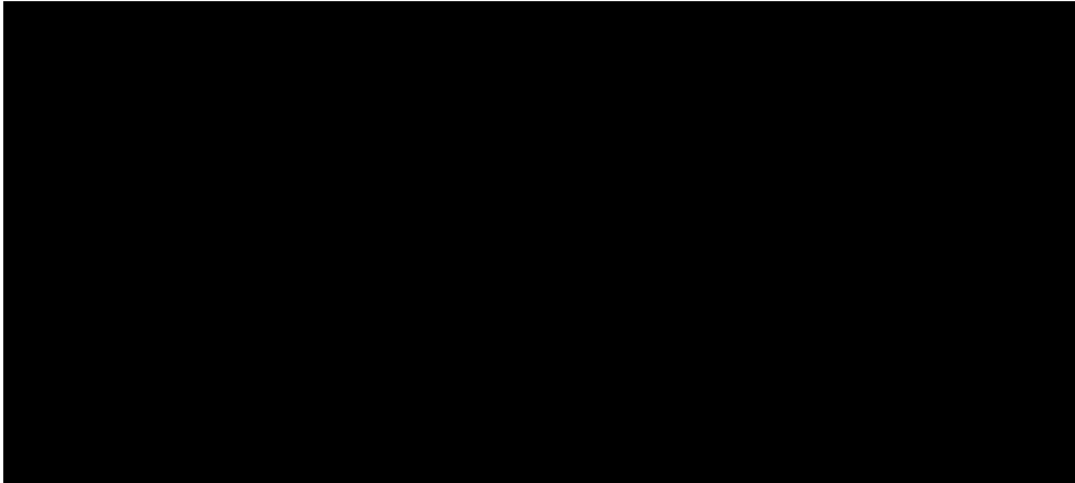
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25X1D



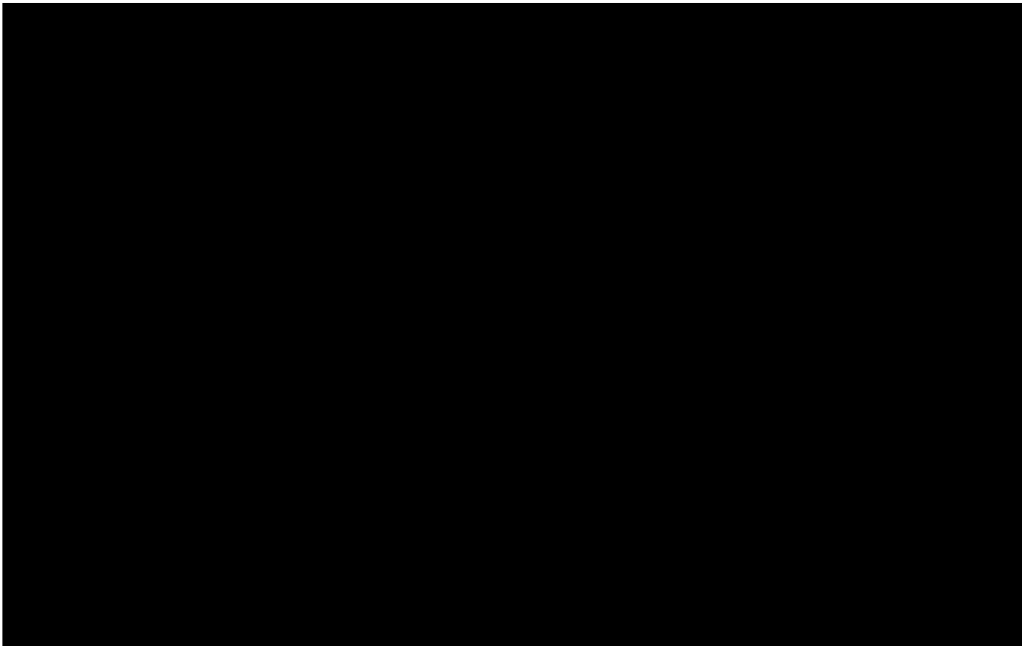
25X1A

TEYKOVO ICBM COMPLEX

UR 5652N 04034E

ALL 6 LAUNCH SITES, THE COMPLEX SUPPORT FACILITY, AND  
THE RAIL-TO-ROAD TRANSFER POINT ARE INTERPRETABLE.  
BOTH ERECTORS AT SITE 5 ARE IN THE ERECTED POSITION.  
NO OTHER SIGNIFICANT ACTIVITY OBSERVED.

25X1D



YEDROVO ICBM COMPLEX

UR 5751N 03340E

ALL 20 TYPE IIID LAUNCH SITES, 8 SS-7 LAUNCH SITES, THE  
[REDACTED] COMPLEX SUPPORT  
FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE  
INTERPRETABLE. AT LAUNCH SITE 5, TWO POSSIBLE MISSILES

25X9

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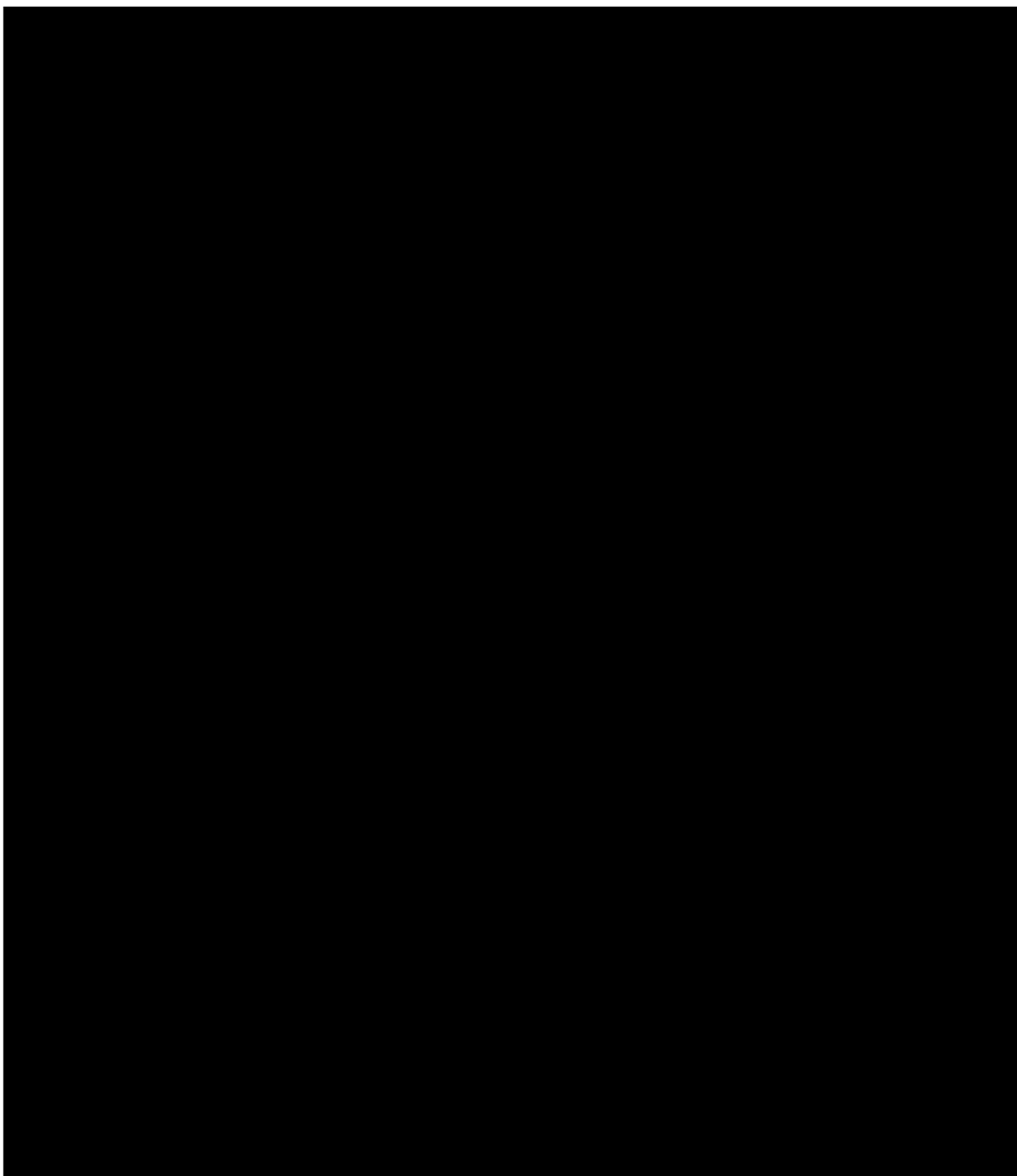
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ARE IN FRONT OF THE LEFT READY BUILDINGS. CONTROL  
CABLE DITCHING IS PARTIALLY VISIBLE BETWEEN SOME OF THE  
TYPE IIID SITES.

CONSTRUCTION STATUS AND DETAILED DATA FOR ALL TYPE IIID  
SITES ARE AS FOLLOWS --

SITES 10, 13, 25, 35, AND 36 ARE IN A LATE STAGE OF  
CONSTRUCTION. SITES 11, 12, 14-16, 20, 23, 24, 27, 28,  
AND 30-34 ARE IN AN UNDETERMINED STAGE OF CONSTRUCTION.  
NO OTHER SIGNIFICANT ACTIVITY OBSERVED.

25X1D



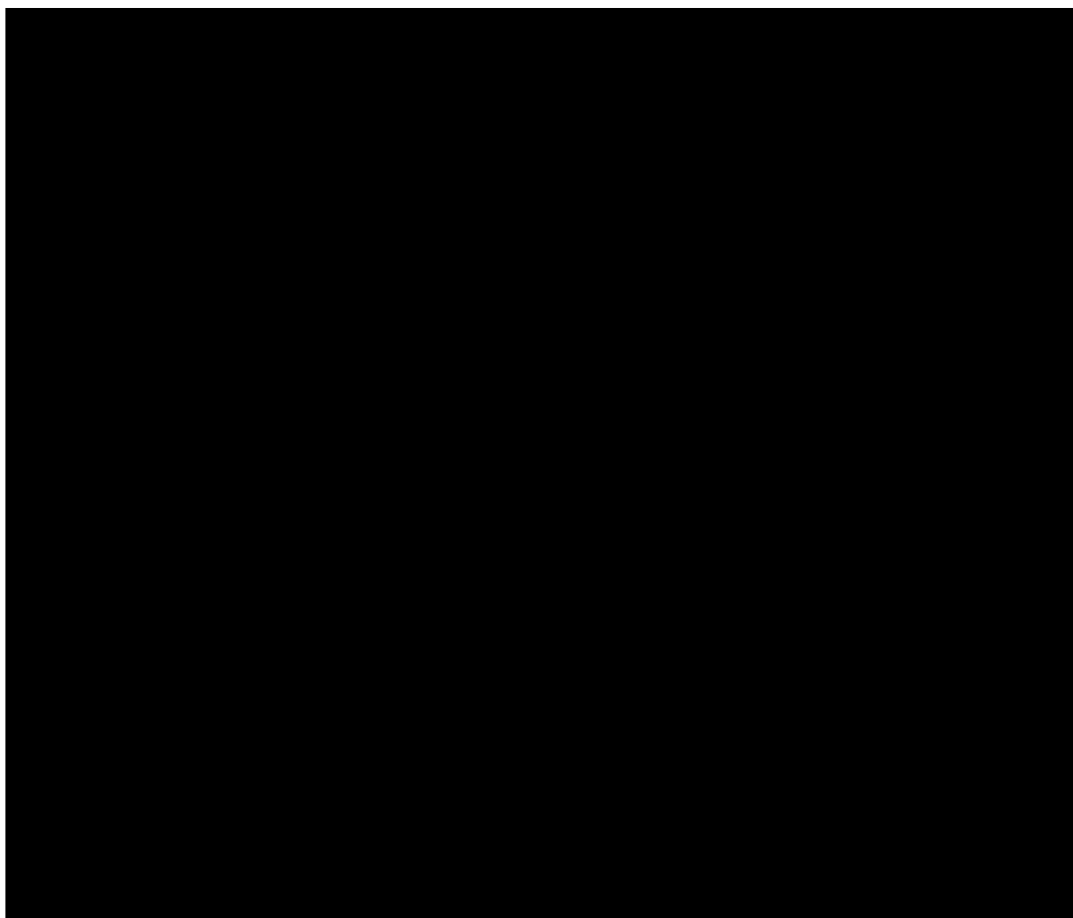
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25X1D



25X1A

OLOVYANNAYA ICBM COMPLEX

UR 5049N 11550E

THE 81 TYPE IIID LAUNCH SITES, THE 3 TYPE IIIA LAUNCH SITES, THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE INTERPRETABLE. A MODERATE AMOUNT OF CONSTRUCTION MATERIAL AND ACTIVITY IS OBSERVED IN THE COMPLEX SUPPORT FACILITY. FIVE LONG PIECES OF EQUIPMENT ARE OBSERVED IN THE MISSILE HANDLING AREA OF THE RAIL TRANSFER POINT. AT THE 3 ORIGINAL TYPE IIIA SITES, NO SIGNIFICANT ACTIVITY IS OBSERVED.

CONSTRUCTION STATUS AND DETAILED DATA FOR THE IIID LAUNCH SITES ARE AS FOLLOWS --

GROUP D -- ALL 10 SITES (4-13) ARE COMPLETE. NO SIGNIFICANT ACTIVITY IS OBSERVED.

GROUP E -- ALL 10 SITES (14-23) ARE COMPLETE. NO SIGNIFICANT ACTIVITY IS OBSERVED.

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GROUP G -- ALL 10 SITES (25-34) ARE COMPLETE. NO SIGNIFICANT ACTIVITY IS OBSERVED.

GROUP F -- SITES 35, 36, 38, 40, AND 42 ARE COMPLETE. SITES 37, 39, 41, 43, AND 44 ARE IN A LATE STAGE OF CONSTRUCTION.

GROUP H -- SITE 46 IS COMPLETE. CONSTRUCTION CONTINUES ON THE CONTROL FACILITY. SITES 45, 47-52, 57, AND 58 ARE IN A LATE STAGE OF CONSTRUCTION.

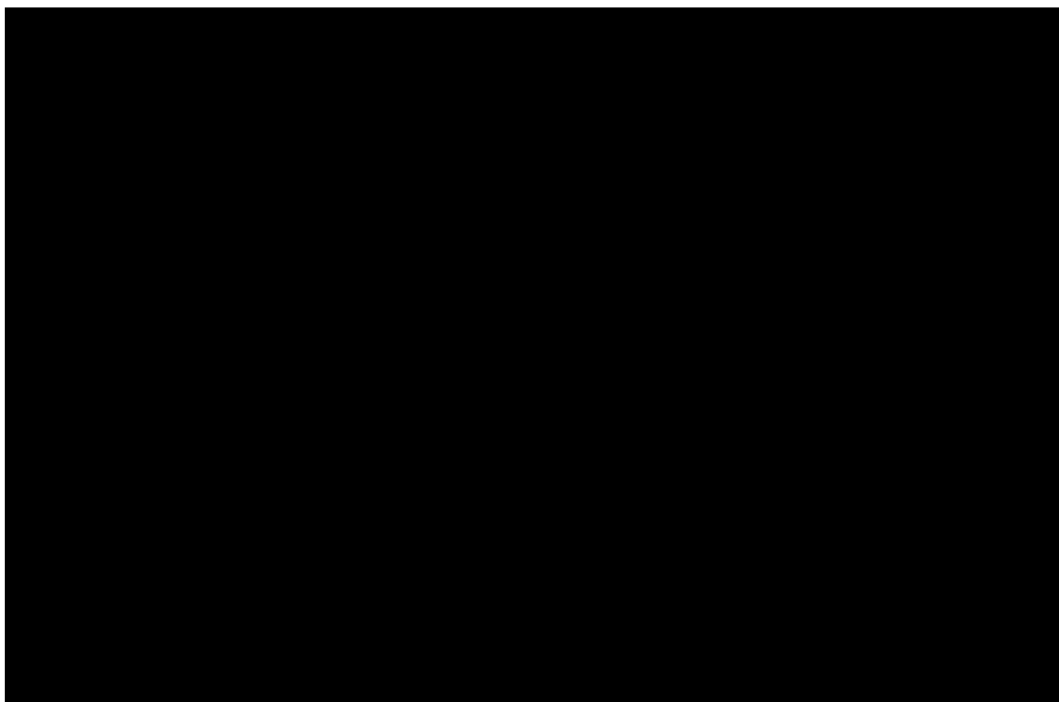
GROUP I -- ALL 10 SITES (55, 56, 59, 78, AND 81-86) ARE IN THE MID-STAGE OF CONSTRUCTION. CONSTRUCTION CONTINUES ON THE CONTROL BUNKER AT SITE 55.

GROUP J -- ALL 10 SITES (60-62, 64, 65, AND 73-77) ARE IN THE MID-STAGE OF CONSTRUCTION. AT SITE 60, CONSTRUCTION CONTINUES ON TERMINUS POINTS OF THE PREVIOUSLY IDENTIFIED L-SHAPED ELECTRONIC FACILITY, BUT DITCHING/CABLING IS NOT EVIDENT.

GROUP K -- ALL 10 SITES (63, 66-72, 79, AND 80) ARE IN THE MID-STAGE OF CONSTRUCTION. CONSTRUCTION CONTINUES ON THE CONTROL FACILITY AT SITE 63.

TRANSFER POINT SITE -- SITE 24X IS IN THE MID-STAGE OF CONSTRUCTION.

25X1D



25X1D

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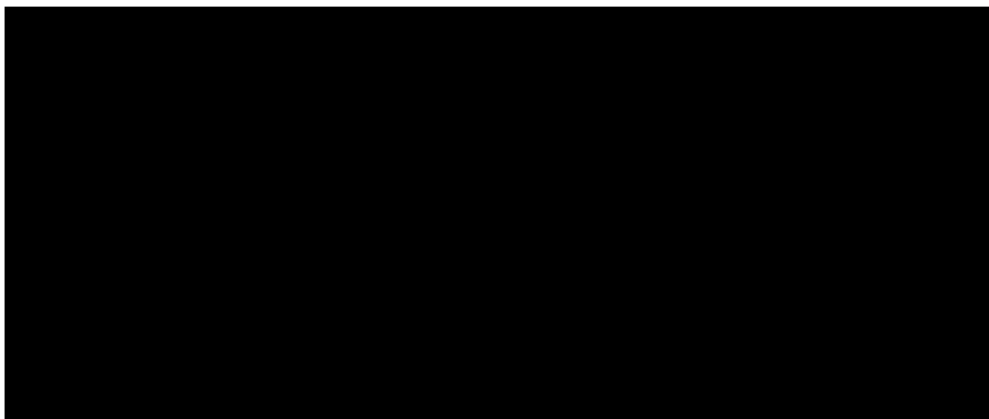
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25X1D



25X1A

ZHANGIZ-TOBE ICBM COMPLEX

UR 4912N 08109E



25X1D

TWENTY-FIVE TYPE IIIC LAUNCH SITES (ONE POSSIBLE), THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE INTERPRETABLE. POSSIBLE SITE 26D WAS IDENTIFIED ON THIS MISSION AND IF CONFIRMED, COMPLETES THE D GROUP. AT SITE 4A, A POSSIBLE MISSILE IS BEING TRANSFERRED FROM THE POSSIBLE TRANSPORTER TO THE POSSIBLE ERECTOR/LOADER. THE OVERALL LENGTH OF THE POSSIBLE VEHICLES IS [REDACTED] APPROXIMATELY THE LENGTH OF A TRANSPORTER AND ERECTOR/LOADER BUTTED END-TO-END.

CONSTRUCTION STATUS AND DETAILED DATA FOR INTERPRETABLE TYPE IIIC LAUNCH SITES --

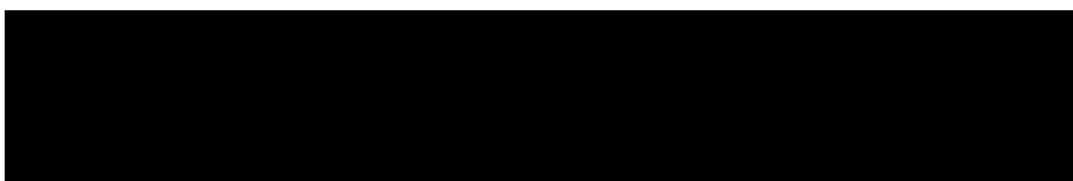
LAUNCH GROUP A -- ALL 6 SITES (1-6) ARE COMPLETE.

LAUNCH GROUP B -- ALL 6 SITES (7-12) ARE COMPLETE.

LAUNCH GROUP C -- ALL 6 SITES (13-18) ARE IN THE MID-STAGE OF CONSTRUCTION AND HAVE COMPLETED SILO LINERS ON THE RECTANGULAR MOUNDS.

LAUNCH GROUP D -- SITE 19 IS NOW IN THE MID-STAGE OF CONSTRUCTION. SITE 20 REMAINS IN THE MID-STAGE OF CONSTRUCTION. SITES 21, 23, AND 24 REMAIN IN AN EARLY STAGE OF CONSTRUCTION. POSSIBLE LAUNCH SITE 26 IS IN AN EARLY STAGE OF CONSTRUCTION. POSSIBLE LAUNCH SITE 25 IS NO LONGER CONSIDERED A VALID SITE AND IS DELETED FROM NPIC LISTINGS.

25X1D



25X1D

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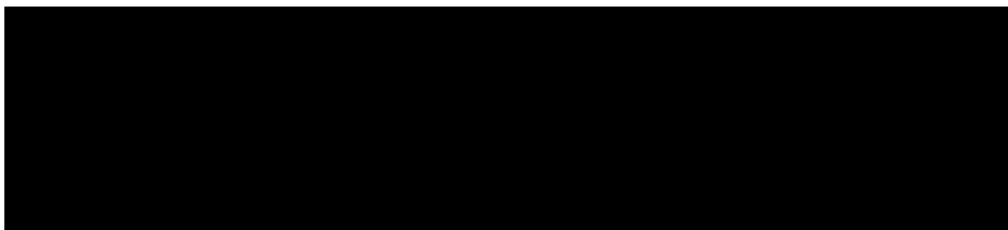
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25X1D



25X1A

ALEYSK ICBM COMPLEX

UR 5229N 08243E



ALL 19 TYPE IIIC LAUNCH SITES, THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE INTERPRETABLE. AT SITE 20, HEADWORKS POSSIBLY ARE BEING CONSTRUCTED, BUT DUE TO THE MELTING OF SNOW AND POOR INTERPRETABILITY, DETAILS OF CONSTRUCTION ARE NOT DISCERNIBLE. NO OTHER SIGNIFICANT ACTIVITY IS OBSERVED.

CONSTRUCTION STATUS AND DETAILED DATA FOR INTERPRETABLE TYPE IIIC LAUNCH SITES ARE AS FOLLOWS --

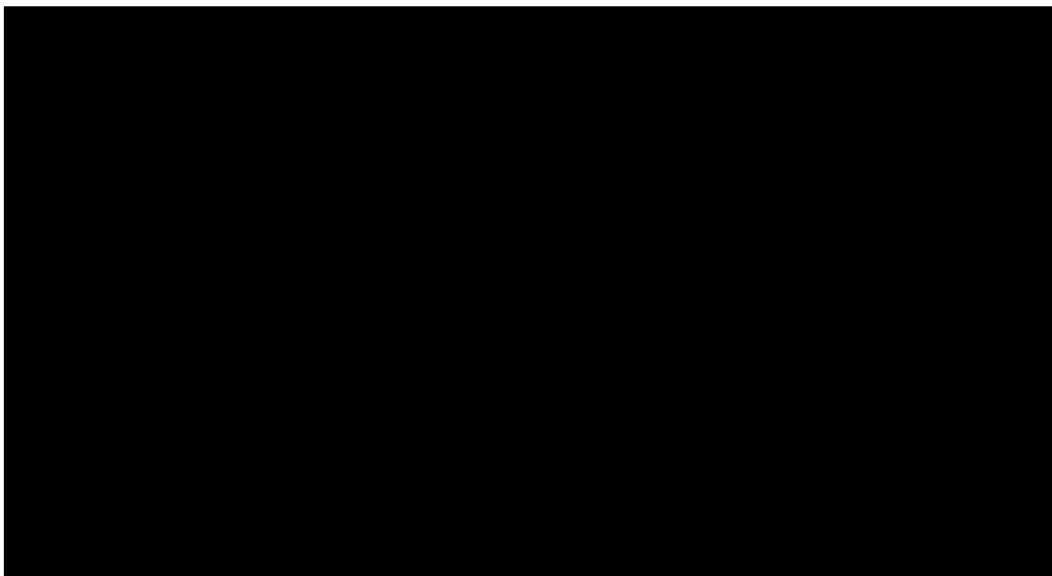
LAUNCH GROUP A -- ALL 6 SITES (1-3, 5, 6, AND 12) ARE COMPLETE.

LAUNCH GROUP B -- SITES 7-10 ARE IN A LATE STAGE OF CONSTRUCTION. SITES 11 AND 13 ARE IN THE MID-STAGE OF CONSTRUCTION.

LAUNCH GROUP C -- SITES 15-18 ARE IN THE MID-STAGE OF CONSTRUCTION. SITES 19 AND 20 ARE IN AN UNDETERMINED STAGE OF CONSTRUCTION.

LAUNCH SITE 14X IS IN THE MID-STAGE OF CONSTRUCTION.

25X1D





25X1D

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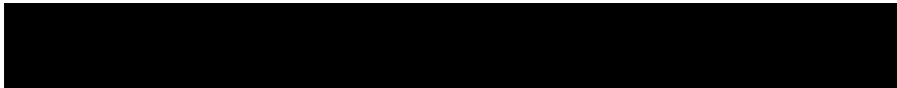
TOP SECRET CHESS RUFF

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TCS-80224/67

KH-4 MISSION 1040, 30 MAR-8 APR 67

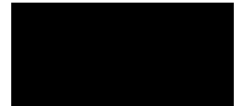
25X1D



25X1A

IMENI GASTELLO ICBM COMPLEX

UR 5106N 06618E



ALL 25 OF THE TYPE IIIC LAUNCH SITES, THE COMPLEX  
SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT  
ARE INTERPRETABLE. ALL SITES IN COMPLETED LAUNCH  
GROUPS A AND B (SITES 1-12) ARE OBSERVED WITH NO  
SIGNIFICANT ACTIVITY.

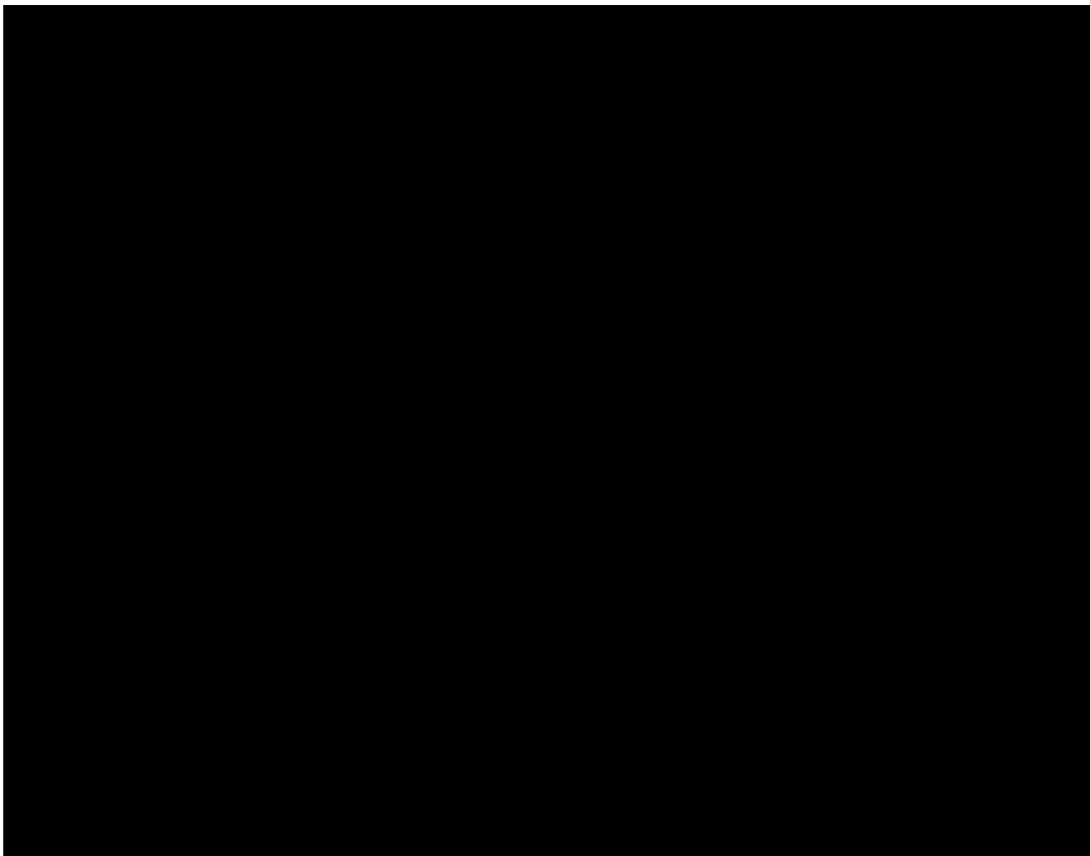
CONSTRUCTION STATUS AND DETAILED DATA FOR INTERPRETABLE  
LAUNCH SITES ARE AS FOLLOWS --

LAUNCH GROUP C -- SITES 13-17 ARE NOW IN A LATE STAGE  
OF CONSTRUCTION. SITE 18 REMAINS IN THE MID-STAGE.

LAUNCH GROUP D -- SITES 19,20,22,23, AND 24 REMAIN IN  
THE MID-STAGE OF CONSTRUCTION. SITE 25 REMAINS IN AN  
EARLY STAGE.

LAUNCH SITE 21X REMAINS IN THE MID-STAGE OF  
CONSTRUCTION.

25X1D



25X1D

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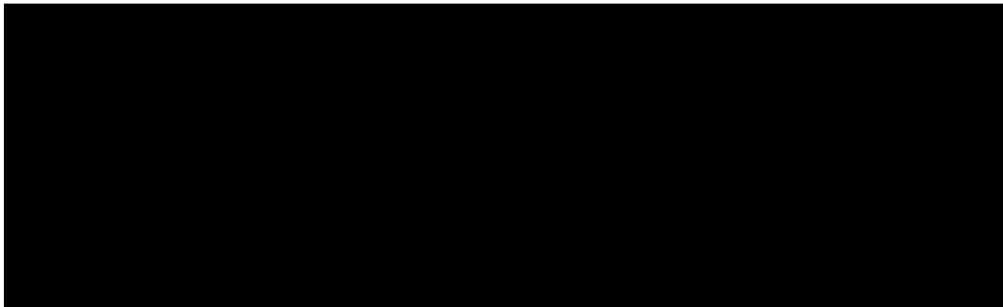
TOP SECRET CHESS RUFF

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25X1D



25X1A

TATISHCHEVO ICBM COMPLEX

UR 5140N 04534E



EIGHTY-TWO TYPE IIID LAUNCH SITES (INCLUDING 1 PROBABLE AND 1 POSSIBLE), THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE INTERPRETABLE. MOVEMENT OF PREFABRICATED CONCRETE PIECES FROM ALONG THE RAIL SPUR INTO THE STORAGE AREA IS OBSERVED AT THE RAILHEAD AND STORAGE AREA OF THE COMPLEX SUPPORT FACILITY. NO OTHER SIGNIFICANT ACTIVITY OBSERVED.

CONSTRUCTION STATUS AND DETAILED DATA FOR INTERPRETABLE TYPE IIID SITES ARE AS FOLLOWS --

LAUNCH GROUP A -- ALL 10 SITES (1-3 AND 5-11) ARE COMPLETE.

LAUNCH GROUP B -- SIX OF THE 10 COMPLETED SITES (12, 14, 15, 17, 29, AND 30) ARE INTERPRETABLE.

LAUNCH GROUP E -- CONSTRUCTION STATUS OF ALL 10 SITES (45, 47, 76, 77, 80, 82, 100, 103, 120, AND 122) IS UNDETERMINED.

LAUNCH GROUP F -- FOUR OF THE 10 SITES ARE INTERPRETABLE. CONSTRUCTION STATUS OF SITES 89 AND 90 IS UNDETERMINED. SITES 63 AND 66 ARE COMPLETE.

LAUNCH GROUP G -- CONSTRUCTION STATUS OF THE 9 INTERPRETABLE SITES (67, 71, 75, 88, 92, 97, 98, 108, AND 137) IS UNDETERMINED.

LAUNCH GROUP H -- CONSTRUCTION STATUS OF ALL 10 SITES (94-96, 101, 102, 119, AND 126-129) IS UNDETERMINED.

LAUNCH GROUP I -- CONSTRUCTION STATUS OF ALL 9 SITES (74, 83-86, 91, 93, 104, AND 136) IS UNDETERMINED.

LAUNCH GROUP J -- CONSTRUCTION STATUS OF ALL 10 SITES (81, 99, 109, 110-112, 115, 117, 118, AND 123) IS

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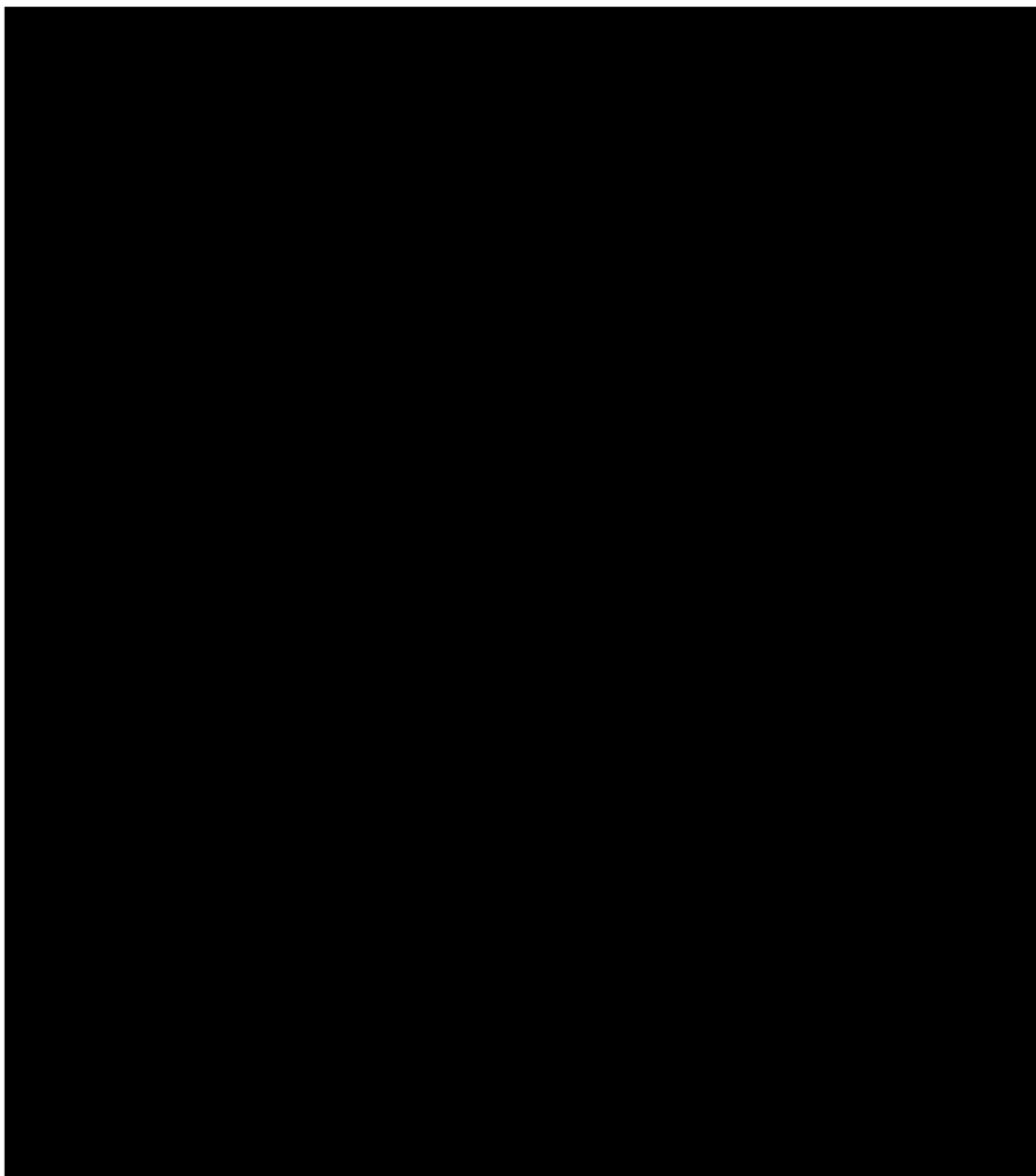
UNDETERMINED.

LAUNCH GROUP K -- CONSTRUCTION STATUS OF ALL 10 SITES  
(121, 124, 125, 132-134, AND 138-141) IS UNDETERMINED.

TRANSFER POINT -- SITE 35X IS COMPLETE.

CONSTRUCTION STATUS AND DETAILED DATA FOR TYPE IIID  
SITES WITH GROUP ASSOCIATION UNDETERMINED -- SITE 131,  
PROBABLE SITE 142, AND POSSIBLE SITE 116 ARE IN AN  
UNDETERMINED STAGE OF CONSTRUCTION.

25X1D



25X1D

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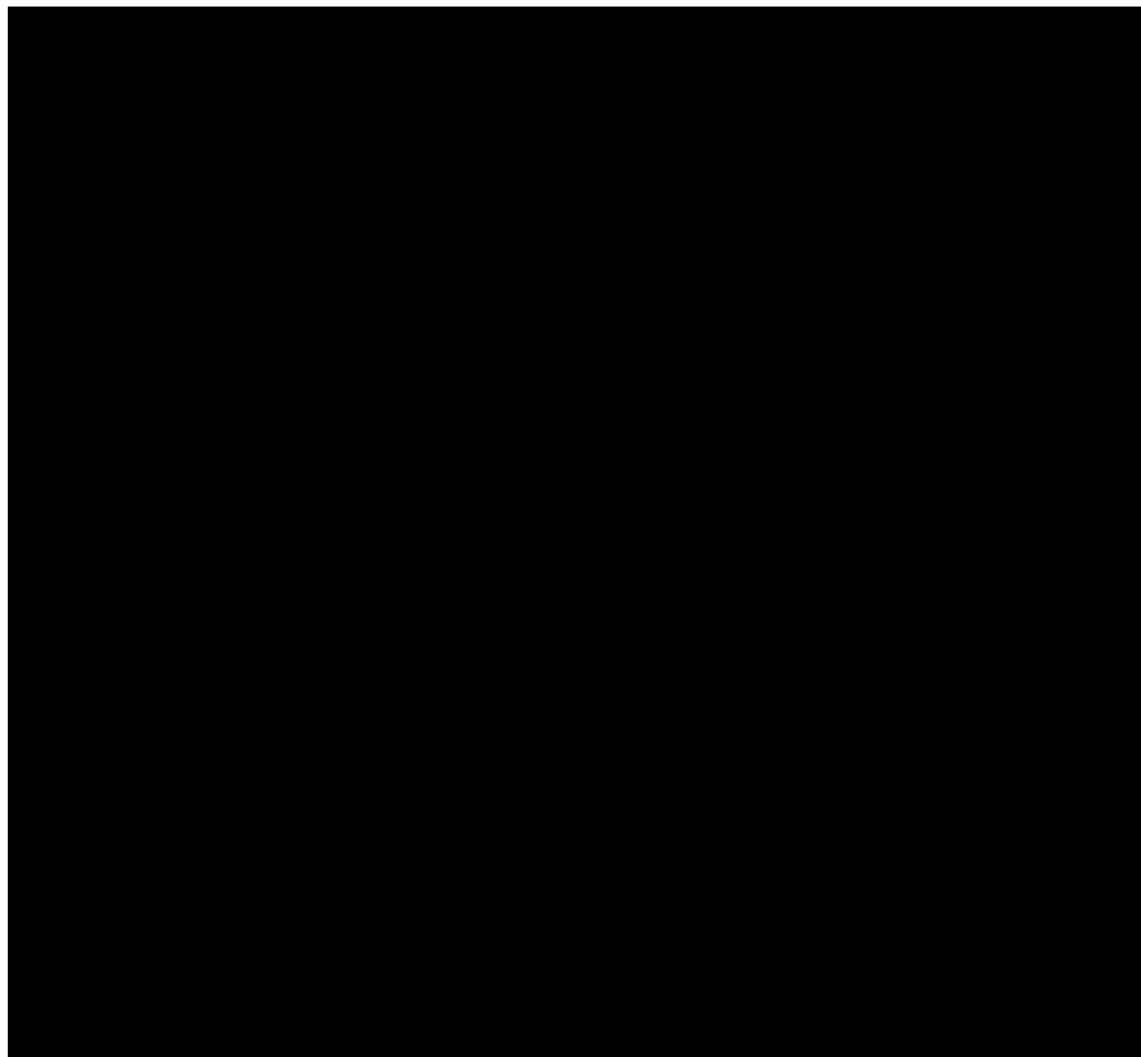
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25X1D



25X1A

GUBA SAYDA NAVAL MISSILE STORAGE

UR 6915N 03321E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



POLYARNYY NVL MISSILE SUPPORT FAC KISLAYA UR 6912N 03330E

OB -- NONE OBSERVED.

25X9



NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

[REDACTED]

25X1A

GUBA PALA NAVAL BASE AND SHIP REPAIR YARD UR 6911N 03325E

OB -- AT LEAST 8 UNIDENTIFIED VESSELS. LOW SUN ANGLE AND SHADOW PRECLUDE DETAILED INTERPRETATION.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

[REDACTED]

GUBA LITSA NAVAL MISSILE STORAGE UR 6925N 03226E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

[REDACTED]

GUBA MOTKA NAVAL BASE UR 6942N 03207E

OB -- NONE OBSERVED.

NO SUBMARINE FACILITIES OBSERVED.

25X1D

[REDACTED]

VLADIVOSTOK NAVAL BASE AND SHIPYARD 202 UR 4306N 13156E

ONLY THE EAST END OF BUKHTA ZOLOTROY ROG IS VISIBLE.

OB -- 2 LARGE POSSIBLE COMBATANTS AND NUMEROUS UNIDENTIFIED POSSIBLE COMBATANTS AND MERCHANT VESSELS.

25X9

[REDACTED]

FOUR SMALL COMBATANTS IN TANDEM FORMATION ARE OBSERVED APPROXIMATELY 17 NM FROM VLADIVOSTOK HEADING IN A SOUTHEASTERLY DIRECTION AT HIGH SPEED TOWARD OSTROV ASKOLD (42-45N 132-00E). A PROBABLE DE/PCE IS OBSERVED HEADING AT HIGH SPEED TOWARD THE FORMATION IN A



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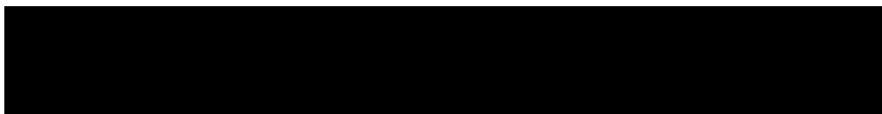
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SOUTHWESTLY DIRECTION FROM THE BUKHTA ABREK AREA.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



25X1A

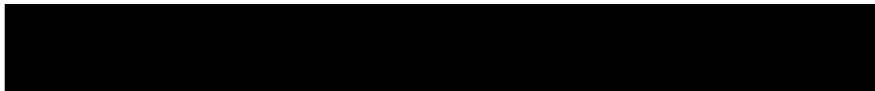
GUBA URA SUBMARINE BASE

UR 6919N 03250E

OB -- 2 AUXILIARIES AND AT LEAST 7 POSSIBLE VESSELS AT  
PIERS. LOW SUN ANGLE AND SHADOW PRECLUDE MORE DETAILED  
INTERPRETATION.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

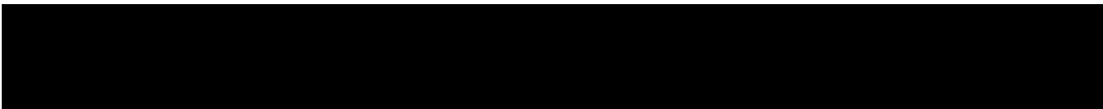
25X1D



DUNAY NAVAL MISSILE STORAGE

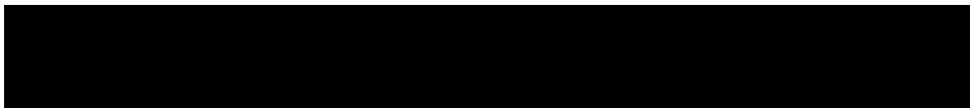
UR 4256N 13220E

25X9



NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW  
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY  
UNREPORTED FEATURES OBSERVED.

25X1D



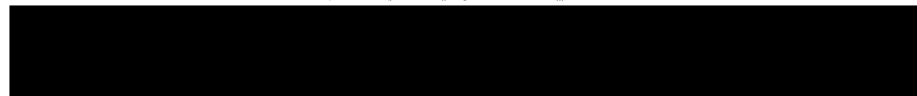
DUNAY SUBMARINE BASE BUKHTA RAZBOYNIK

UR 4253N 13221E

OB -- 2 UNIDENTIFIED LARGE SS, 1 POSSIBLE SMALL  
COMBATANT, 1 DNEPR-CLASS AR, 2 LARGE AG, 2 LARGE YAGT,  
1 EMPTY FLOATING DOCK, 1 FLOATING CRANE, AND NUMEROUS  
UNIDENTIFIED SMALL CRAFT.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW  
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY  
UNREPORTED FEATURES OBSERVED.

25X1D



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25X1A

DALNIYE ZELENTSY SUBMARINE BASE

UR 6904N 03617E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

MOSKVA SAM STORAGE SITE 1

UR 5559N 03820E

NO NON-SA-1 TYPE MISSILES OR ASSOCIATED EQUIPMENT CAN  
BE IDENTIFIED WITHIN THE SITE. NO NEW CONSTRUCTION,  
CHANGES IN FACILITIES, OR OTHER PREVIOUSLY UNREPORTED  
FEATURES OBSERVED.

25X1D

MOSKVA SAM STORAGE SITE 7

UR 5607N 03729E

NO NON-SA-1 TYPE MISSILES OR ASSOCIATED EQUIPMENT CAN  
BE IDENTIFIED WITHIN THE SITE. NO NEW CONSTRUCTION,  
CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED  
FEATURES OBSERVED.

25X1D

NIZHNIY TAGIL SAM SUPPORT FACILITY

UR 5752N 06002E

COMPLETED TYPE I SAM SUPPORT FACILITY CONTAINS 1 LARGE  
AND 2 SMALL DRIVE-THROUGH BUILDINGS, 1 LARGE AND 4  
SMALLER BUILDINGS, AND 1 SMALL SECURITY BUILDING.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW  
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY  
UNREPORTED FEATURES OBSERVED.

25X1D

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TOP SECRET CHESS RUFF

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25X1A

KALININ SAM TRAINING FACILITY

UR 5652N 03552E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

## **Air Facilities**

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25X1A

AIR FACILITIES

TYURATAM AIRFIELD

UR 4536N 06311E

25X1D OB [REDACTED] 3 CAT/CUB, 3 LIGHT STRAIGHT-WING, 3 SMALL STRAIGHT-WING, AND 5 POSSIBLE HELICOPTERS.

25X1D [REDACTED] 7 CAT/CUB, 7 MEDIUM STRAIGHT-WING, 12 LIGHT STRAIGHT-WING, AND 3 POSSIBLE HELICOPTERS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

SREDNIY AIRFIELD

UR 7930N 09109E

OB -- 6 SMALL STRAIGHT-WING.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

SEMIPALATINSK AIRFIELD

UR 5021N 08014E

OB -- 7 SMALL SWEEP/DELTA-WING, 9 LIGHT STRAIGHT-WING, 8 SMALL STRAIGHT-WING, AND AT LEAST 22 SMALL PROBABLE AIRCRAFT.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

WEN-SU AIRFIELD

CH 4117N 08020E

OB -- NONE OBSERVED.

CONSTRUCTION STATUS IS UNDETERMINED.

25X1D

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25X1A

SMORGON AIRFIELD NORTHWEST

UR 5431N 02619E

OB -- 2 LIGHT STRAIGHT-WING AND 2 PROBABLE SMALL  
STRAIGHT-WING.

THE AIRFIELD IS EQUIPPED WITH ILS AND GCA.  
THE PARALLEL PROBABLE RUNWAY, PREVIOUSLY REPORTED AS  
BLACKTOP, IS NATURAL SURFACE.

25X1D

## **Nuclear Energy**

25X2

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**Naval  
Activity /  
Ports**

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25X1A

NAVAL ACTIVITY/PORTS

WEI-CHOU TAO SUSPECT SHIPYARD

CH 2102N 10903E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

ZALIV VOSTOK NAVAL BASE LIVADIYA

UR 4252N 13241E

OB -- SEVERAL UNIDENTIFIED SMALL VESSELS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

GORKIY SHIPYARD & HEAVY EQUIP PLT 112

UR 5622N 04352E

OB -- 2 POSSIBLE TRANSPORTER DOCKS, 1 POSSIBLE APL, AND  
SEVERAL SMALLER UNITS IN THE BASIN AND AT THE QUAY.

THE ROOF ON THE LARGE NEW BUILDING IS 75 PERCENT  
COMPLETE. WORK ON THE QUAY CONTINUES.

25X1D

MAGADAN SUB BASE & SHIP REPAIR YARD

UR 5932N 15045E

SEVERAL POSSIBLE VESSELS ARE OBSERVED IN THE ICE AT THE  
NAVAL PIER. SEMIDARKNESS PRECLUDES COUNT OR  
IDENTIFICATION OF VESSELS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

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TOP SECRET CHESSE RUFF

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25X1A

HA TOU SHIPYARD

VN 2056N 10709E

OB -- NONE OBSERVED.

CONSTRUCTION APPEARS TO BE CONTINUING ON A QUAY ON THE  
NE EDGE OF THE DREDGED BASIN. NO APPARENT CHANGE IN  
FACILITIES OBSERVED.

25X1D

PEVEK PORT FACILITIES

UR 6942N 17016E

OB -- NONE OBSERVED.

FIVE MERCHANT SHIPS ARE OBSERVED MOORED IN THE ICE.

25X1D

UNGGI NAVAL BASE

KN 4220N 13023E

BONUS 1

0.1 NM SE OF UNGGI.  
FACILITIES INCLUDE 2 LARGE BUILDINGS AND 7 SMALLER  
SUPPORT BUILDINGS. BERTHING FACILITIES INCLUDE 2  
POSSIBLE FINGER PIERS/PONTOON WHARVES.

OB -- SEVERAL UNIDENTIFIED SMALL VESSELS AT PIERS AND  
MEDITERRANEAN MOORED AT THE BASE AREA.

25X1D

UNGGI PORT FACILITIES

KN 4220N 13023E

BONUS 2

0.1 NM SE OF UNGGI.  
FACILITIES INCLUDE 2 QUAYED AREAS (1 PROTECTED BY 2  
BREAKWATERS). NO STORAGE FACILITIES ARE WITHIN THE  
PORT AREA. A SMALL BOATYARD AND A NAVAL BASE ARE ALSO  
WITHIN THE BREAKWATERS.

25X1D

NAJIN SHIPYARD 28

KN 4214N 13018E

BONUS 3

ON THE EAST SIDE OF NAJIN PORT FACILITY.  
FACILITIES INCLUDE 2 BUILDING/REPAIR WAYS, 1 LARGE  
FABRICATION BUILDING, 1 POSSIBLE HEAT PROCESS BUILDING,

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26 ADDITIONAL SUPPORT BUILDINGS, AND EXTENSIVE QUAYED AREAS.

OB -- 2 POSSIBLE MEDIUM COMBATANT VESSELS ON WAYS (1 APPEARS TO BE COMPLETE WITH A TOPSIDE SUPERSTRUCTURE AND 1 APPEARS TO BE A HULL ONLY).

25X1D

NAJIN SHIP REPAIR FACILITY

KN 4214N 13017E

BONUS 4

AT THE NAJIN PORT FACILITY. FACILITY IS IN EARLY STAGES OF CONSTRUCTION. A LARGE GRAVING DOCK IS UNDER CONSTRUCTION. APPROXIMATELY 11 CONSTRUCTION SITE SUPPORT STRUCTURES ARE SITUATED ABOUT THE GRAVING DOCK.

OB -- NONE OBSERVED.

25X1D

NAJIN PORT FACILITIES

KN 4213N 13017E

BONUS 5

AT THE NAJIN URBAN COMPLEX. FACILITIES INCLUDE 3 MOLES (1 RAIL SERVED AND WITH 3 TRANSIT SHEDS), 1 WAREHOUSE, 1 ADMINISTRATION BUILDING, 10 POSSIBLE HORIZONTAL POL TANKS, AND A COAL LOADING FACILITY ON THE SOUTHERNMOST MOLE. A MINOR NAVAL FACILITY IS AT THE NORTH END OF THE PORT FACILITY.

OB -- 1 FREIGHTER AND SEVERAL SMALL VESSELS.

25X1D

NAJIN NAVAL FACILITY

KH 4217N 13017E

BONUS 6

COLLOCATED WITH NAJIN PORT FACILITIES. FACILITIES INCLUDE BERTHING FOR VESSELS AT THE NORTH SIDE OF THE NORTHERNMOST PORT FACILITY MOLE. THE INSTALLATION CONTAINS APPROXIMATELY 5 SMALL SUPPORT BUILDINGS AT THE NORTH END AND SOMEWHAT APART FROM THE PORT FACILITY.

OB -- 3 SMALL POSSIBLE COMBATANTS.

25X1D

**Biological/  
Chemical  
Warfare**

25X2

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**Electronics/  
Communications**

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25X1A

ELECTRONICS/COMMUNICATIONS

BOLOTNOYE VLF COMMUNICATIONS FACILITY UR 5545N 08426E

NO SIGNIFICANT CHANGE OBSERVED.

25X1C

TYSP-NAVDOLOK GM RADAR FACILITY SEARCH UR 6945N 03305E

NO BUILDINGS, ANTENNAS, OTHER STRUCTURES, OR EQUIPMENT  
OBSERVED.

25X1C

PUMMANKI PROBABLE COASTAL DEFENSE FAC UR 6946N 03145E

THERE APPEARS TO BE SOME CHANGE IN THE FACILITY, BUT  
SMALL SCALE PRECLUDES IDENTIFYING DETAILS.

25X1C

TYURATAM INSTRUMENTATION FACILITY UR 4542N 06318E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1C

GORKIY/SORMOVO RADAR ASBLY & TEST AREA UR 5619N 04347E

NO SIGNIFICANT CHANGE OBSERVED.

25X1C

SHUANG-CHENG-TZU POSS DNRGE INSTR SITE CH 4125N 08925E

NO INSTRUMENTATION SITE OBSERVED.

25X1C



DIKSON DUAL TALL KING-AD HQ RADAR FAC UR 7330N 08020E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1C

KAPUSTIN YAR INSTRUMENTATION FACILITY UR 4840N 04926E

NO SIGNIFICANT CHANGE OBSERVED.

25X1C

KAPUSTIN YAR POSS INSTRUMENTATION FAC UR 4843N 05012E

NO SIGNIFICANT CHANGE OBSERVED.

25X1C

SMIDOVICH TALL KING-AW RADAR FACILITY UR 7512N 05603E

17 NM NE OF SMIDOVICH.  
FACILITY CONSISTS OF 1 TALL KING ANTENNA, 1 ANTENNA  
BUILDING, 1 SUPPORT BUILDING, AND 1 GENERATOR BUILDING.  
FIVE SUPPORT BUILDINGS ARE 2,000 FT EAST.

25X1C

KOLPASHEVO PROBABLE ESV TRACKING FACILITY UR 5819N 08255E NO COMOR

0.5 NM NORTH OF KOLPASHEVO.  
SECURED FACILITY CONSISTS OF 1 ENVIRONMENTAL DOME,  
APPROXIMATELY 50 FT IN DIAMETER, MOUNTED ON A BUILDING,  
1 CONTROL BUILDING WITH 4 PROBABLE TELEMETRY ANTENNAS  
MOUNTED ON TOP, 1 POSSIBLE PEDESTAL-MOUNTED TELEMETRY  
ANTENNA, 1 PROBABLE CALIBRATION TOWER, 2 DOUBLE  
DAY-NIGHT RHOMBICS, NUMEROUS MASTS, AND 14 SUPPORT  
BUILDINGS.

(SEE ATTACHMENT)

25X1C

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ABEZ TRACKING FACILITY

UR 6632N 06145E

BONUS 1

1 NM NORTH OF ABEZ.

NEWLY IDENTIFIED FACILITY CONSISTS OF AN ENVIRONMENTAL  
DOME, APPROXIMATELY 80 FT IN DIAMETER, SITUATED AT OR  
NEAR GROUND LEVEL AND ADJACENT TO A [REDACTED]  
POSSIBLE CONTROL BUILDING. APPROXIMATELY 10 OTHER  
SUPPORT SERVICE BUILDINGS ARE NEARBY.

(SEE ATTACHMENT)

[REDACTED]

**Military  
Activity**

25X1A

MILITARY ACTIVITY

BORZYA ARMY BARRACKS SW AL 1 UR 5023N 11631E

25X1D OB [REDACTED] APPROXIMATELY 50 VEHICLES/PIECES OF EQUIPMENT.

AREA APPEARS OCCUPIED AND ALL PORTIONS APPEAR ACTIVE.

25X1D [REDACTED]

DAURIYA ARMY BARRACKS AL 1 UR 4956N 11651E

25X1D DB -- APPROXIMATELY 75 VEHICLES/PIECES OF EQUIPMENT.

25X1D THE CONSTRUCTION REPORTED [REDACTED] CONTINUES IMMEDIATELY NE OF THE INSTALLATION. AT LEAST 3 PROBABLE BARRACKS AND 3 STORAGE/SUPPORT BUILDINGS APPEAR TO BE COMPLETE.

25X1D [REDACTED]

MIRNAYA ARMY BARRACKS AL 1 UR 5045N 11604E

TWO POSSIBLE BARRACKS ARE UNDER CONSTRUCTION.

25X1D NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

[REDACTED]

FU-HSIEN ARMY BARRACKS EAST CH 3937N 12201E

1.2 NM EAST OF FU-HSIEN.

THE FACILITY CONSISTS OF 3 SECURED AREAS -- AREA A, 1.2 NM EAST OF THE CENTER OF FU-HSIEN, CONTAINS 58 BARRACKS, 4 MULTI-WING ADMINISTRATION BUILDINGS, 15 POSSIBLE QUARTERS, 1 AUDITORIUM, 4 MESSHALLS, 8 VEHICLE STORAGE BUILDINGS, 13 EQUIPMENT STORAGE BUILDINGS, 4 MACHINE SHOPS, APPROXIMATELY 45 STORAGE BUILDINGS, 1 SMALL-ARMS FIRING RANGE, 1 POSSIBLE ATHLETIC FIELD, AND A TRAINING AREA.

AREA B, 0.5 NM SE OF AREA A, CONTAINS 27 BARRACKS, 2

Handle Via  
TALENT-KEYHOLE  
Control System Only

~~TOP SECRET CHESSE RUFF~~

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POSSIBLE ADMINISTRATION BUILDINGS, 1 AUDITORIUM, 4  
EQUIPMENT STORAGE BUILDINGS, 4 EXPLOSIVES BUILDINGS,  
AND 18 SUPPORT/STORAGE BUILDINGS.

AREA C, 0.5 NM NE OF AREA B, CONTAINS 16 BARRACKS, 2  
MESSHALLS, 1 AUDITORIUM, 1 ADMINISTRATION BUILDING, 16  
EQUIPMENT STORAGE BUILDINGS, 4 POSSIBLE AMMUNITION  
STORAGE BUILDINGS, AND 24 STORAGE/SUPPORT BUILDINGS.

NO VEHICLES OR EQUIPMENT ARE OBSERVED IN ANY OF THE 3  
AREAS. ALL AREAS APPEAR MODERATELY ACTIVE.

25X1D



## **Attachments**



PROBABLE EARTH SATELLITE VEHICLE TRACKING FACILITY, KOLPASHEVO, USSR (NON COMOR).

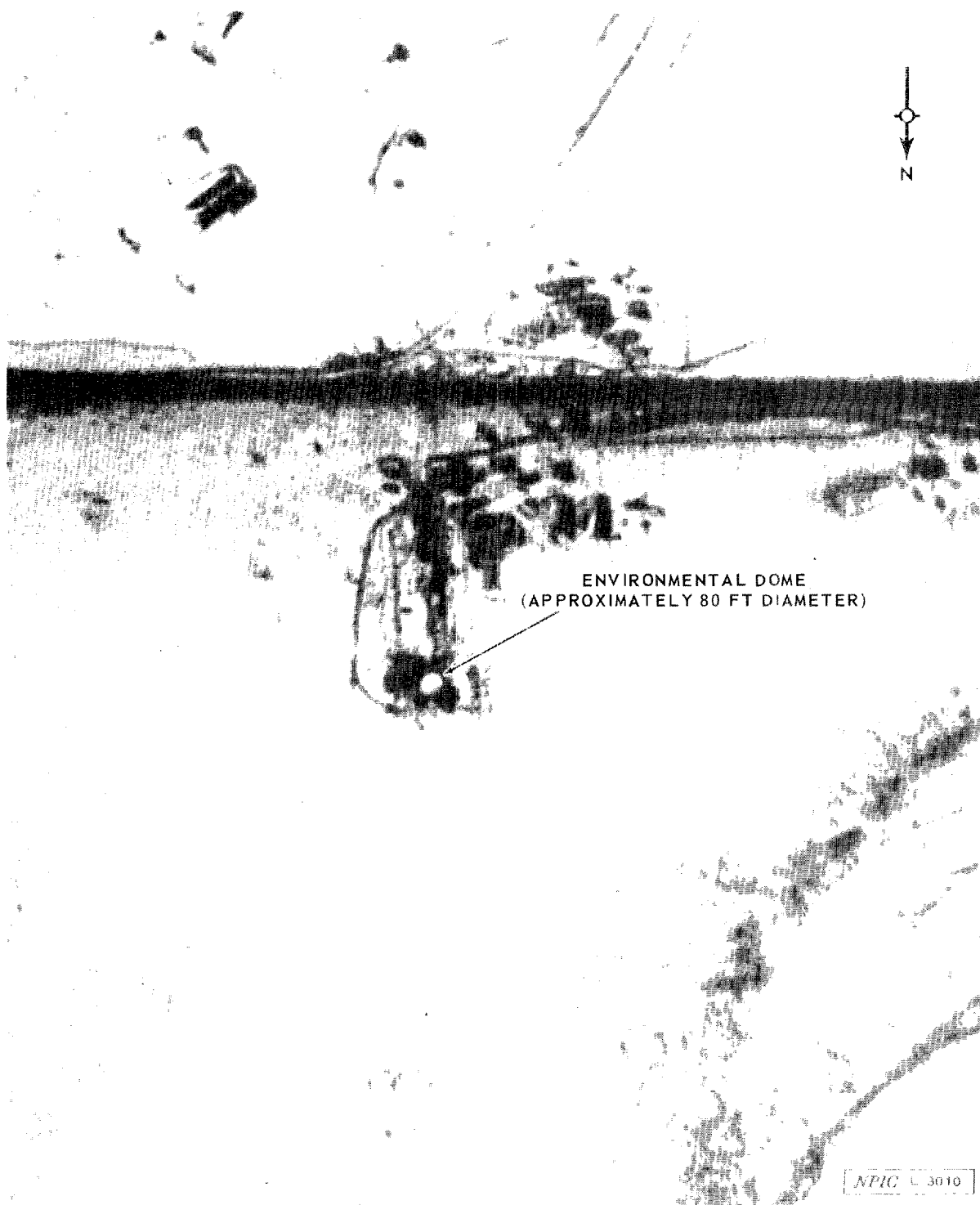
Handle Via  
Talent-Keyhole  
Control System Only

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KH-4 MISSION 1040, 30 MARCH - 8 APRIL 1967

TCS-80224/67

ATTACHMENT 2



TRACKING FACILITY, ABEZ, USSR (ELECTRONIC BONUS).



25X6

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**TOP SECRET**

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**TOP SECRET**